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(54) **PROPERTY MEASUREMENT ON A BIOLOGICAL TISSUE SAMPLE**

(57) A method for determining the presence or absence of a local and/or global property (6) of a biological tissue sample (1), comprising:

- acquiring (100, 110, 120, 130) an image (2) of the sample (1);
- searching (200) the image (2) for the presence of each feature (30-39) that is contained in a pre-defined set (3) of features (30-39), and assigning (250), to at least one feature (30-39), a corresponding pronunciation index (40-49) that is a measure of how pronounced each feature (30-39) is in the image or parts of it (2),
- computing (300) at least one discriminant value (5), e.g.

a linear discriminant value, LD, that is a function of the weighted pronunciation indices (40-49), wherein the weight (50-59) of each pronunciation index (40-49) is a measure for the relevance of the corresponding feature (30-39) with respect to the property (6), and

- determining (400) that the property (6) is present or absent in the sample (1) or part of it depending on whether the discriminant value exceeds a pre-defined and/or optimized threshold (7) or not.

EP 3 182 366 A8

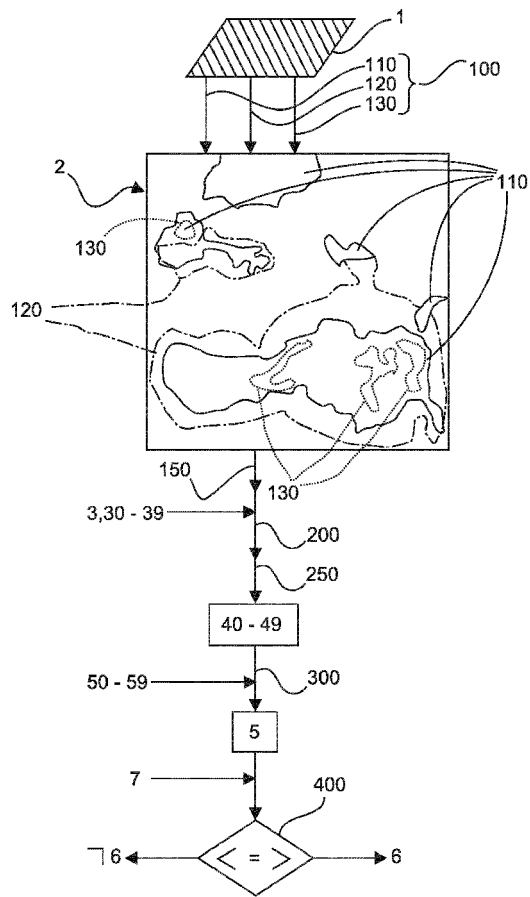


Fig. 1